**UNIVERSITATEA din Piteşti**                                    **Anexa 5.b**
**Facultatea de Electronica, Comunicatii si Calculatoare**
*Departamentul de Electronica, Calculatoare si Inginerie Electrica*

# LISTA DE LUCRĂRI
### a cadrului didactic VISAN DANIEL ALEXANDRU

**A.  Teza de doctorat**
   *Modelarea sistemelor de recunoastere software a tipului de modulatie a semnalelor radio,*
Universitatea din Pitesti, Inginerie electronica si telecomunicatii, Inginerie electronică, telecomunicații și tehnologii informaționale, 2008

**B.  Cărţi şi capitole în cărţi publicate în perioada 2013 - 2022**
   **B2. Cărţi şi capitole în cărţi de specialitate naţionale ca autor (cu ISBN intern)**
   1.    Daniel Alexandru Visan, Ioan Lita, Mariana Jurian, Ion Bogdan Cioc, *Dispozitive semiconductoare pentru microunde,* ISBN: 978-606-25-0172-3, 221 pg., Ed. Matrix Rom, Bucuresti, 2015, 2015, (TC_3_2015_DECIE, TC_3_2015_DECIE)
   2.    Ioan Lita, Ion Bogdan Cioc, Daniel Alexandru Visan, *Componente si circuite pasive. Intrebari si raspunsuri,* ISBN: 978-606-25-0226-3, 143pg., Ed. Matrix Rom, Bucuresti, 2016, 2016, (TC_3_2016_DECIE, TC_3_2016_DECIE)
   3.    Ioan Liţă, Daniel Alexandru Vişan, Bogdan Ion Cioc, *Tehnici de laborator utilizate în studiul materialelor pentru electronică,* Ed. Universităţii din Piteşti, Pitesti, 2020., 2020, (TC_2_2020_DECIE)
   4.    Ioan Liţă, Bogdan Ion Cioc, Daniel Alexandru Vişan, *Tehnici de laborator pentru studiul componentelor şi circuitelor pasive,* Ed. Universităţii din Piteşti, Pitesti, 2020, 2020, (TC_3_2020_DECIE)

   **B5. Manuale didactice, suport de curs**
   1.    Gheorghe Serban, Marian Răducu, Ionel Bostan, Alin Mazare, Ioan Lita, Alexandru Ene, Luminita Mirela Constantinescu, Valeriu Ionescu, Adrian Zafiu,  Daniel Alexandru Visan, Constantin Stoica, Mariana Iorgulescu, *Intrebări de verificare a cunostintelor pentru finalizarea studiilor,* 194 pg. , e-ISBN: 978-606-560-383-7, Ed. Universitatii din Pitesti, Pitesti, 2014, 2014
   2.    Daniel Alexandru Visan, *Tehnici si sisteme de comutatie. Note de curs,* Note de curs, 2015
   3.    Daniel Alexandru Visan, *Comunicatii de date - Note de curs,* Note de curs, 2015
   4.    Daniel Alexandru Visan, *Circuite de microunde - Note de curs,* Note de curs, 2016

   **B6. Îndrumare de laborator, culegere de probleme**
   1.    Daniel Alexandru Visan, *Sisteme de comunicatii. Indrumar de laborator,* Indrumar de laborator, 2015
   2.    Daniel Alexandru Visan, *Materiale pentru electronica. Indrumar de laborator.,* Indrumar de laborator, 2015
   3.    Daniel Alexandru Visan, *Sisteme distribuite de control. Note de curs.,* Note de curs, 2015
   4.    Daniel Alexandru Visan, *Comunicatii de date. Indrumar de laborator.,* Indrumar de laborator, 2016
   5.    Daniel Alexandru Visan, *Tehnici si sisteme de comutatie. Indrumar de laborator.,* Indrumar de laborator, 2016

**C.  Lucrări (articole) ISI / BDI publicate în perioada 2013 - 2022**
   **C2. Articole în volume indexate ISI Proceedings**
   1.    Daniel Alexandru Visan, Ioan Lita, Ion Bogdan Cioc, Valeriu Manuel Ionescu, *Design of Digital Communication Module for Remote Measurement Systems,* 36th International Spring Seminar on Electronics Technology - ISSE 2013, "Automotive Electronics",  ISSN: 2161-2528, Print ISBN: 978-606-613-064-6, pp. 401 - 404, DOI: 10.1109/ISSE.2013.6648281, WOS:000374113900077,  http://ieeexplore.ieee.org/, "1 decembrie 1918" University of Alba Iulia, Alba Iulia, Romania, May 8-12, 2013, 2013, (TC_3_2013_DECIE, TC_3_2013_DECIE)

2.	Ioan Lita, Daniel Alexandru Visan, Ion Bogdan Cioc, Rodica Mihaela Teodorescu, Valeriu Manuel Ionescu, *Data acquisition system for collision tests in automotive industry,* 36th International Spring Seminar on Electronics Technology - ISSE 2013, "Automotive Electronics",  ISSN: 2161-2528, WOS:000374113900075 , Print ISBN: 978-606-613-064-6, pp. 393-396, Digital Object Identifier: 10.1109/ISSE.2013.6648279,  http://ieeexplore.ieee.org/, "1 decembrie 1918" University of Alba Iulia, Alba Iulia, Romania, May 8-12, 2013, 2013, (TC_3_2013_DECIE, TC_4_2013_DECIE, TC_3_2013_DECIE, TC_4_2013_DECIE)

3.	Ioan LITA, Daniel Alexandru VISAN, *Microcontroller Based Control System for Rotating Display with Multiplexed LED Array,* 5th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2013,  pp. 9 - 13, Series Electronics, Computers and Artificial Intelligence, Vol.5- Nr. 2/2013, ISSN 1843-2115, ISBN: 978-1-4673-4937-6, IEEE Catalog Number CFP1327U-ART, WOS:000343672500018, Pitesti, http://ieeexplore.ieee.org/, Romania, 27-29 Iulie 2013, University of Alba Iulia, Alba Iulia, Romania, May 8-12, 2013, 2013, (TC_2_2013_DECIE, TC_2_2013_DECIE)

4.	Daniel Alexandru Visan, Ioan Lita, Ion Bogdan Cioc, *Wireless Control System for Angular Positioning Applications,* 2012 IEEE 19th International Symposium for Design and Technology of Electronic Packages - SIITME 2013, pp 103 - 106,  WOS:000347562900016 ,  IEEE Catalog Number: CFP1307I-ART, ISBN: 978-1-4799-1555-2, DOI: 10.1109/SIITME.2013.6743653, http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and "Dunărea de Jos" University of Galaţi, Galaţi, Romania, 24 – 27, October 2013, 2013, (TC_3_2013_DECIE, TC_3_2013_DECIE)

5.	Ion Bogdan Cioc, Ioan Lita, Daniel Alexandru Visan, *Simulator for Signals from Semiconductor Radiation Sensors Used in Testing of Radiation Measurement Apparatus,* 2012 IEEE 19th International Symposium for Design and Technology of Electronic Packages - SIITME 2013, pp. 159 - 162, WOS:000347562900026 , IEEE Catalog Number: CFP1307I-ART, ISBN: 978-1-4799-1555-2, Digital Object Identifier: 10.1109/SIITME.2013.6743664, http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and "Dunărea de Jos" University of Galaţi, Galaţi, Romania, 24 – 27, October 2013, 2013, (TC_4_2013_DECIE, TC_4_2013_DECIE)

6.	Ion Bogdan Cioc, Cornel Talpalariu, Jeni Talpalariu, Corina Matei, Ioan Lita, Daniel Alexandru Visan, *Implementation of Charge Sensitive Amplifier/Discriminator for PIN Diode Radiation Detectors,* 36th International Spring Seminar on Electronics Technology - ISSE 2013, "Automotive Electronics",  ISSN: 2161-2528,   Print ISBN: 978-606-613-064-6, pp. 388-392, DOI: 10.1109/ISSE.2013.6648278., WOS:000374113900074,  http://ieeexplore.ieee.org/, "1 decembrie 1918" University of Alba Iulia, Alba Iulia, Romania, May 8-12, 2013, 2013, (TC_4_2013_DECIE, TC_4_2013_DECIE)

7.	Valeriu Ionescu, Ioan Lita, Daniel Visan, Bogdan Cioc, *Architecture for Adders in Digital Filters Operating in Mixed Power Modes,* 36th International Spring Seminar on Electronics Technology - ISSE 2013, "Automotive Electronics",  ISSN: 2161-2528,   Print ISBN: 978-606-613-064-6, pp. 397 - 400, DOI: 10.1109/ISSE.2013.6648280,  WOS:000374113900076,  http://ieeexplore.ieee.org/, "1 decembrie 1918" University of Alba Iulia, Alba Iulia, Romania, May 8-12, 2013, 2013, (TC_3_2013_DECIE, TC_3_2013_DECIE)

8.	Daniel Alexandru Visan, Ioan Lita, Ion Bogdan Cioc, Rodica Mihaela Teodorescu, *A new approach for aerodynamic levitation based position control using digital image processing and data acquisition,* 7th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2015,  pp. AE-19 - AE-22,  Series Electronics, Computers and Artificial Intelligence, Vol. 7, Nr. 2, ISSN 1843-2115, ISBN: 978-1-4673-6646-5, IEEE Catalog Number CFP1527U-PRT, DOI: 10.1109/ECAI.2015.7301180, WOS:000370971100045, Universitatea Europei de Sud-Est Lumina, Bucuresti, http://ieeexplore.ieee.org/, Romania, 25-27 June 2015, 2015, (TC_4_2015_DECIE, TC_4_2015_DECIE)

9.	Rodica Mihaela Teodorescu, Ioan Lita, Ion Bogdan Cioc, Daniel Alexandru Visan, *Virtual instrumentation application for symmetrical and asymmetrical text encryption/decryption studying,* 7th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2015,  pp.23-26, Series Electronics, Computers and Artificial Intelligence, Vol. 7, Nr. 3, ISSN 1843-2115, ISBN: 978-1-4673-6646-5, IEEE Catalog Number CFP1527U-PRT, DOI: 10.1109/ECAI.2015.7301245, WOS:000370971100110 , Universitatea Europei de Sud-Est Lumina, Bucuresti, http://ieeexplore.ieee.org/, Romania, 25-27 June 2015, 2015, (TC_3_2015_DECIE, TC_3_2015_DECIE)

10. Ioan Lita, Daniel Alexandru Visan, Alin Gheorghita Mazare, *Experimental module for assistive technologies applications,* 2016 IEEE 22th International Symposium for Design and Technology in Electronic Packages - SIITME 2016, pp 304 - 307, ISBN: 978-1-5090-4444-3, IEEE Catalog Number: CFP1607I-USB, DOI: 10.1109/SIITME.2016.7777300, WOS:000390557400065, http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and University of Oradea, Department of Electronics and Telecommunications, Oradea, Romania, 20 – 23, October 2016, 2016, (TC_2_2016_DECIE, TC_2_2016_DECIE)

11. Ioan LITA, Daniel Alexandru VISAN, Ion Bogdan CIOC, Alin Gheorghita MAZARE, Rodica Mihaela TEODORESCU, *Indoor Environmental Parameters Monitoring for Building Automation Systems,* 8th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2016, Series Electronics, Computers and Artificial Intelligence, Vol. 8 - 2016, ISSN 1843-2115, ISBN: 978-1-5090-2046-1, WOS:000402541200019, Universitatea Petrol-Gaze din Ploiesti , Ploiesti, http://ieeexplore.ieee.org/, Romania, 30 June-02 July 2016, 2016, (TC_2_2016_DECIE, TC_2_2016_DECIE)

12. Daniel Alexandru Visan, Ion Bogdan Cioc, Stefan Oprea, Adrian Ioan Lita, *GSM based remote control for distributed systems,* 39th International Spring Seminar on Electronics Technology - ISSE 2016, "Printed electronics and smart textiles", Electronic ISSN: 2161-2064, Print ISBN: 978–80–261–0618–0, pp. 468-471, Digital Object Identifier: 10.1109/ISSE.2016.7563242, WOS:000387089800092 , http://ieeexplore.ieee.org/, University of West Bohemia, Department of Technologies and Measurement, Faculty of Electrical Engineering, Pilsen, Czech Republic, May 18-22, 2016, 2016, (TC_3_2016_DECIE, TC_3_2016_DECIE)

13. Daniel Alexandru Visan, Adrian Ioan Lita, Stefan Oprea, Ion Bogdan Cioc, *Reconfigurable signal generator and simulator for testing the digital transmission circuits,* 39th International Spring Seminar on Electronics Technology - ISSE 2016, "Printed electronics and smart textiles", Electronic ISSN: 2161-2064, Print ISBN: 978–80–261–0618–0, pp. 353-356, DOI: 10.1109/ISSE.2016.7563219, WOS:000387089800069, http://ieeexplore.ieee.org/, University of West Bohemia, Department of Technologies and Measurement, Faculty of Electrical Engineering, Pilsen, Czech Republic, May 18-22, 2016, 2016, (TC_2_2016_DECIE, TC_2_2016_DECIE)

14. Ion Bogdan Cioc, Stefan Oprea, Daniel Alexandru Visan, Ioan Lita, Adrian Ioan Lita, *Remote measurements in educational laboratories using LabVIEW and DAQ cards,* 39th International Spring Seminar on Electronics Technology - ISSE 2016, "Printed electronics and smart textiles", Electronic ISSN: 2161-2064, Print ISBN: 978–80–261–0618–0, pp. 486 - 489, DOI: 10.1109/ISSE.2016.7563242, WOS:000387089800096 , http://ieeexplore.ieee.org/, University of West Bohemia, Department of Technologies and Measurement, Faculty of Electrical Engineering, Pilsen, Czech Republic, May 18-22, 2016, 2016, (TC_2_2016_DECIE, TC_4_2016_DECIE, TC_2_2016_DECIE, TC_4_2016_DECIE)

15. Ion Bogdan Cioc, Stefan Oprea, Daniel Alexandru Visan, Ioan Lita, Adrian Ioan Lita, *Simulation of signals in digital television using LabVIEW,* 39th International Spring Seminar on Electronics Technology - ISSE 2016, "Printed electronics and smart textiles", Electronic ISSN: 2161-2064, Print ISBN: 978–80–261–0618–0, pp. 357-360, Digital Object Identifier: 10.1109/ISSE.2016.7563220., WOS:000387089800070 , http://ieeexplore.ieee.org/, University of West Bohemia, Department of Technologies and Measurement, Faculty of Electrical Engineering, Pilsen, Czech Republic, May 18-22, 2016, 2016, (TC_5_2016_DECIE, TC_5_2016_DECIE)

16. Daniel Alexandru VISAN, Mariana JURIAN, Ion Bogdan CIOC, Laurentiu Mihai Ionescu, Adrian Ioan LITA, *Delta Encoder for Fiber Optic Based Data Transmission of Signals from Sensors,* 8th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2016, pp. 1-4, Series Electronics, Computers and Artificial Intelligence, Vol. 8 - 2016, ISSN 1843-2115, ISBN: 978-1-5090-2046-1, IEEE Catalog Number CFP1627U-PRT, DOI: 10.1109/ECAI.2016.7861121, WOS:000402541200057, Universitatea Petrol-Gaze din Ploiesti , Ploiesti, http://ieeexplore.ieee.org/, Romania, 30 June-02 July 2016, 2016, (TC_3_2016_DECIE, TC_3_2016_DECIE)

17. Daniel Alexandru Visan, Laurentiu Mihai Ionescu, Adrian Ioan Lita, *Remote Communication Interface for Sound and Vibration Sensors,* 2016 IEEE 22th International Symposium for Design and Technology in Electronic Packages - SIITME 2016, pp 90 - 93, ISBN: 978-1-5090-4444-3, IEEE Catalog Number: CFP1607I-USB, DOI: 10.1109/SIITME.2016.7777251, WOS:000390557400016, http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and University of Oradea, Oradea, Romania, 20 – 23, October 2016, 2016, (TC_4_2016_DECIE, TC_4_2016_DECIE)

18. Daniel Alexandru Visan, Ioan Lita, Laurentiu Mihai Ionescu, Ion Bogdan Cioc, *Simulation and implementation of a pulse position modulator for short-range optical communication systems,* 40th International Spring Seminar on Electronics Technology (ISSE), High-Tech Electronics for a Better Tomorrow - Theoretical and Practical Aspects", Electronic ISSN: 2161-2536,  ISBN: 978-619-7066-15-9, pp. 1-4, DOI: 10.1109/ISSE.2017.8000940, http://ieeexplore.ieee.org/, Technical University of Sofia,  Sofia, Bulgaria, 10-14 May 2017, 2017, (TC_3_2017_DECIE)

19. Adrian Ioan Lita, Daniel Alexandru Visan, Alin Gheorghita Mazare, Ioan LITA, *Microcontroller based thermal enclosure for electronic boards testing,* 40th International Spring Seminar on Electronics Technology (ISSE), High-Tech Electronics for a Better Tomorrow - Theoretical and Practical Aspects", Electronic ISSN: 2161-2536,  ISBN: 978-619-7066-15-9, pp. 1-4, DOI: 10.1109/ISSE.2017.8000940, http://ieeexplore.ieee.org/, Technical University of Sofia,  Sofia, Bulgaria, 10-14 May 2017, 2017, (TC_2_2017_DECIE)

20. Daniel Alexandru VISAN, Mariana JURIAN, Adrian Ioan LITA, *Virtual instrumentation based acquisition and synthesis module for communication signals,* 9th International Conference on Electronics, Computers and Artificial Intelligence –  ECAI 2017,   pp. 1 - 4,  Series Electronics, Computers and Artificial Intelligence, Vol. 8 - 2016, ISSN 1843-2115, ISBN: 978-1-5090-2046-1, DOI: 10.1109/ECAI.2017.8166479, "Valahia" University, Faculty of Electrical Engineering, Electronics and Information Technology, Targoviste, Romania, http://ieeexplore.ieee.org/, 29 June-01 July 2017, 2017, (TC_3_2017_DECIE)

21. Daniel Alexandru VISAN, Adrian Ioan LITA, *Conditioning and Transmission Module for Resistive Bridge Sensors,* 9th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2017,   pp. 1-4,  Series Electronics, Computers and Artificial Intelligence, Vol. 8 - 2016, ISSN 1843-2115, ISBN: 978-1-5090-2046-1, DOI: 10.1109/ECAI.2017.8166480, "Valahia" University, Faculty of Electrical Engineering, Electronics and Information Technology, Targoviste, Romania, http://ieeexplore.ieee.org/, 29 June-01 July 2017, 2017, (TC_4_2017_DECIE)

22. Daniel Alexandru Visan, Adrian Ioan Lita, Laurentiu Mihai Ionescu, Alin Gheorghita Mazare, *Line encoder with serial data transmission for automotive applications,* IEEE 23rd International Symposium for Design and Technology in Electronic Packages - SIITME 2017, pp 349-352,  ISBN: 978-1-5386-1626-0, Digital Object Identifier: 10.1109/SIITME.2017.8259922, http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and Constanta Maritime University, Department of Electronics and Telecommunications, Constanta, Romania, 26 – 29, October 2017, 2017, (TC_3_2017_DECIE)

23. Adrian Ioan Lita, Daniel Alexandru Visan, Alin Gheorghita Mazare, Laurentiu Mihai Ionescu, *Door automation system for smart home implementation,* IEEE 23rd International Symposium for Design and Technology in Electronic Packages - SIITME 2017, pp 357-360,  ISBN: 978-1-5386-1626-0, Digital Object Identifier: 10.1109/SIITME.2017.8259925, http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and Constanta Maritime University, Department of Electronics and Telecommunications, Constanta, Romania, 26 – 29, October 2017, 2017, (TC_2_2017_DECIE)

24. Alin Gheorghita Mazare, Laurentiu Mihai Ionescu, Daniel Alexandru Visan, Nadia Belu, Ioan Lita, Valentin Stan, Thomas Eilks, S. Balauta, *Intelligent system for determining the consumer profile and generate alarm in case of significant deviations from the profile,* 23rd International Symposium for Design and Technology in Electronic Packages - SIITME 2017, pp 361-366,  ISBN: 978-1-5386-1626-0, Digital Object Identifier: 10.1109/SIITME.2017.8259926, http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and Constanta Maritime University, Department of Electronics and Telecommunications, Constanta, Romania, 26 – 29, October 2017, 2017, (TC_2_2017_DECIE)

25. Laurentiu Mihai Ionescu, Alin Gheorghita Mazare, Adrian Ioan Lita, Daniel Alexandru Visan, Gheorghe Serban, Nadia Belu, A. Sanmarghitan, T. Goeller, E.M. Iuzic, *Current consumption monitoring and analysis system for energy management improvement in an industrial complex,* 23rd International Symposium for Design and Technology in Electronic Packages - SIITME 2017, The autumn convention of electronic packaging community, pp 286-291,  ISBN: 978-606-551-089-0, Digital Object Identifier: 10.1109/SIITME.2017.8259909, WOS:000428032300060,  http://ieeexplore.ieee.org/, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and Constanta Maritime

University, Department of Electronics and Telecommunications, Constanta, Romania, 26 – 29, October 2017, 2017, (TC_4_2017_DECIE)

26.    Alin Gh. Mazare, Laurentiu M. Ionescu, Daniel Visan, Adrian I. Lita, Gheorghe Serban, *Embedded system for real time analysis of thermal images for prevention of water stress on plants,* 41st International Spring Seminar on Electronics Technology (ISSE), Research and Development Tendencies in Advanced Electronics Technologies", Electronic ISSN: 2161-2536,  ISBN: 978-866-022-042-6, pp. 1-6, http://ieeexplore.ieee.org/, aculty of Technical Sciences, University of Novi Sad,  Zlatibor, Serbia, 16-20 May 2018, 2018, (TC_25_2018_DECIE)

27.    Daniel Alexandru Visan, Adrian Ioan Lita, Alin Gheorghita Mazare, Laurentiu Mihai Ionescu, Ioan Lita, *Digital Modem for Distributed Data Acquisition and Control Systems Used in Intensive Fruit Farming,* 41st International Spring Seminar on Electronics Technology (ISSE), Research and Development Tendencies in Advanced Electronics Technologies", Electronic ISSN: 2161-2536,  ISBN: 978-866-022-042-6, pp. 1-4, http://ieeexplore.ieee.org/, aculty of Technical Sciences, University of Novi Sad,  Zlatibor, Serbia, 16-20 May 2018, 2018, (TC_3_2018_DECIE)

28.    Adrian Ioan Lita, Daniel Alexandru Visan, Mirela Gherghe, Laurentiu Mihai Ionescu, Alin Gheorghita Mazare, Ioan Lita, *Microcontroller Based Magnetometer for Smart Meters Used in Electrical Energy Measurement,* 41st International Spring Seminar on Electronics Technology (ISSE), Research and Development Tendencies in Advanced Electronics Technologies", Electronic ISSN: 2161-2536,  ISBN: 978-866-022-042-6, pp. 1-4, http://ieeexplore.ieee.org/, aculty of Technical Sciences, University of Novi Sad, Zlatibor, Serbia, 16-20 May 2018, 2018, (TC_4_2018_DECIE)

29.    Laurentiu-Mihai Ionescu, Alin Mazare, Daniel Visan, Nadia Belu, Adrian Lita, *Field Programmable Gates Array implementation of quantum computation structures,,* 41st International Spring Seminar on Electronics Technology (ISSE), Research and Development Tendencies in Advanced Electronics Technologies", Electronic ISSN: 2161-2536,  ISBN: 978-866-022-042-6, pp. 1-6, http://ieeexplore.ieee.org/, aculty of Technical Sciences, University of Novi Sad,  Zlatibor, Serbia, 16-20 May 2018, 2018, (TC_2_2018_DECIE)

30.    Adrian Ioan Lita, Daniel Alexandru Visan, Laurentiu Mihai Ionescu, Alin Gheorghita Mazare, *Automated Testing System for Cable Assemblies Used in Automotive Industry,* 24th International Symposium for Design and Technology in Electronic Packages - SIITME 2018, pp 276-279,  DOI: 10.1109/SIITME.2018.8599232, http://ieeexplore.ieee.org/, "Gheorghe Asachi" Technical University of Iasi,  Faculty of Electrical Engineering, Electronics and information Technology, Iasi, Romania, 25 – 28, October 2018, 2018, (TC_2_2018_DECIE)

31.    Alin Gheorghiță Mazăre, Laurențiu Mihai Ionescu, Ioan Liță, Daniel Alexandru Vișan, Nadia Belu, *Intelligent monitoring and planning system for herbicidal processes in agricultural crops,* 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packages - SIITME 2018, pp 169-172,  ISBN: 978-1-5386-5577-1, DOI: 10.1109/SIITME.2018.8599213, http://ieeexplore.ieee.org/, "Gheorghe Asachi" Technical University of Iasi,  Faculty of Electrical Engineering, Electronics and information Technology, Iasi, Romania, 25 – 28, October 2018, 2018, (TC_25_2018_DECIE)

32.    Daniel Alexandru Visan, Ioan Lita, Alin Gheorghita Mazare, Laurentiu Mihai Ionescu, *QPSK Transmission System for Machine to Machine Communication,* 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packages - SIITME 2018, pp 272-275,  ISBN: 978-1-5386-5577-1, DOI: 10.1109/SIITME.2018.8599237, http://ieeexplore.ieee.org/, "Gheorghe Asachi" Technical University of Iasi,  Faculty of Electrical Engineering, Electronics and information Technology, Iasi, Romania, 25 – 28, October 2018, 2018, (TC_3_2018_DECIE)

33.    Laurențiu Mihai Ionescu, Alin Gheorghiță Mazăre, Gheorghe Șerban, Daniel Visan, Adrian Ioan Lita, *Intelligent command of an underground irrigation and fertilization system,* 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packages - SIITME 2018, pp 306-309, ISBN: 978-1-5386-5577-1, DOI: 10.1109/SIITME.2018.8599255, http://ieeexplore.ieee.org/, "Gheorghe Asachi" Technical University of Iasi,  Faculty of Electrical Engineering, Electronics and information Technology, Iasi, Romania, 25 – 28, October 2018, 2018, (TC_25_2018_DECIE)

34.    Daniel Alexandru VISAN, Ioan LITA, Mariana JURIAN, Mirela GHERGHE, *Pseudorandom Sequence Generator for Spread Spectrum Communications,* 10th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2018,  Series Electronics, Computers and Artificial Intelligence, Vol. 10, No. 1, ISSN 2378-7147, ISBN: 978-1-5386-4901-5, DOI: 10.1109/ECAI.2018.8678968,  "Gheorghe Asachi" Technical University of Iasi,  Faculty of Electrical

Engineering, Electronics and information Technology, Iasi, Romania, http://ieeexplore.ieee.org/, 28-30 June 2018., 2018, (TC_3_2018_DECIE)

35. Adrian Ioan LITA, Daniel Alexandru VISAN, Laurentiu Mihai IONESCU, Alin Gheorghita MAZARE, *Temperature Control System for Accelerated Aging Tests on Printed Circuit Boards,* 10th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2018, Series Electronics, Computers and Artificial Intelligence, Vol. 10, No. 1, ISSN 2378-7147, ISBN: 978-1-5386-4901-5, DOI: 10.1109/ECAI.2018.8678933, "Gheorghe Asachi" Technical University of Iasi, Faculty of Electrical Engineering, Electronics and information Technology, Iasi, Romania, http://ieeexplore.ieee.org/, 28-30 June 2018, 2018, (TC_2_2018_DECIE)

36. Laurentiu-Mihai Ionescu, Alin Mazare, Daniel Visan, Belu Nadia, Adrian Ioan Lita, *Intelligent Monitoring System To Combat Water Stress In Plant Crops,* 10th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2018, Series Electronics, Computers and Artificial Intelligence, Vol. 10, No. 1, ISSN 2378-7147, ISBN: 978-1-5386-4901-5, DOI: 10.1109/ECAI.2018.8678931, WOS:000467734100002, "Gheorghe Asachi" Technical University of Iasi, Faculty of Electrical Engineering, Electronics and information Technology, Iasi, Romania, http://ieeexplore.ieee.org/, 28-30 June 2018., 2018, (TC_26_2018_DECIE)

37. Laurentiu-Mihai Ionescu, Alin Gheorghita Mazare, Gheorghe Serban, Lita Ioan, Daniel Alexandru Visan, *A solution to implement Grover quantum computation algorithm using the binary representation of the phase on the FPGA,* 11th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2019, Series Electronics, Computers and Artificial Intelligence, ISSN 1843 – 2115, ISBN: 978-1-7281-1624-2 , University of Pitesti, Pitesti, Romania, http://ieeexplore.ieee.org/, 27-29 June 2019., 2019, (TC_3_2019_DECIE)

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45.    Daniel Alexandru Visan, Mariana Jurian, Ioan Lita, Laurentiu Mihai Ionescu, Alin Gheorghita Mazare, *Software Controlled Radio Receiver for Versatile Wireless Communications,* 2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME), ISBN: 78-1-7281-7506-5, DOI: 10.1109/SIITME50350.2020.9292259, http://ieeexplore.ieee.org/,, 21-24 Oct 2020, Pitești, Romania., 2020, (TC_3_2020_DECIE)

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**C3. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale**

1.    Valeriu Manuel Ionescu, Ioan Lita, Daniel Visan, Bogdan Cioc, *Optimizing parallel prefix adders for use in digital filters,* University of Pitesti, Scientific Bulletin, Series: Electronics and Computers, Vol 2, ISSN: 1453-1119, pp. 37-41, 2013, https://scholar.google.ro/scholar?start=0&hl=ro&as_sdt=0,5&scilib=1, 2013, (TC_3_2013_DECIE, TC_3_2013_DECIE)

2.    Mariana Jurian, Daniel Alexandru Visan, Ioan Lita, *The Evolution of Telecommunications in Romania,* The 41st Symposium of International Committee for the History of Technology -ICOHTEC 2014, "Technology in Times of Transition", ISBN 978-606-19-0382-5 format tipărit, ISBN 978-606-19-0391-7 format CD, pp. 285 – 292, Transilvania University of Brasov, 29 July - 2 August 2014, Brasov, Romania (ICON Journal), https://scholar.google.ro/scholar?start=0&hl=ro&as_sdt=0,5&scilib=1, 2014, (TC_3_2014_DECIE, TC_3_2014_DECIE)

# F.   Granturi / proiecte de cercetare înperioada 2013 - 2022
## F2. Granturi / proiecte câştigate prin competiţie naţională

1.    VISAN DANIEL ALEXANDRU, SOARE LILIANA CRISTINA, MAZARE ALIN GHEORGHITA, IONESCU LAURENTIU MIHAI, BIZON NICU, LITA IOAN, SERBAN GHEORGHE, OPROESCU MIHAI, ANGHELESCU PETRE, VISAN DANIEL ALEXANDRU, BELU NADIA, ANGHEL DANIEL CONSTANTIN, TOPALA CARMEN MIHAELA,, *PN-III-P1-1.2-PCCDI-2017-0332 "Creşterea capacităţii instituţionale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obţinerii de produse horticole cu valoare adăugată ridicată" – BIOHORTINOV /,* Cod: PN-III-P1-1.2-PCCDI-2017, beneficiar: UPIT, anul: 2018, domeniul stiintific: Bioeconomie, valoare: 1533000.00, 2018, (TC_25_2018_DECIE)

2.    VISAN DANIEL ALEXANDRU, SOARE LILIANA CRISTINA, MAZARE ALIN GHEORGHITA, IONESCU LAURENTIU MIHAI, BIZON NICU, LITA IOAN, SERBAN GHEORGHE, OPROESCU MIHAI, ANGHELESCU PETRE, VISAN DANIEL ALEXANDRU, BELU NADIA, ANGHEL DANIEL CONSTANTIN, TOPALA CARMEN MIHAELA,, *Creşterea capacităţii instituţionale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obţinerii de produse horticole cu valoare adăugată ridicată" – BIOHORTINOV / ctr. 6/2018,* Cod: PN-III-P1-1.2-PCCDI-2017, beneficiar: UPIT, anul: 2019, domeniul stiintific: Bioeconomie, valoare: 1533000.00, 2019, (TC_9_2019_DECIE)

## F3. Contracte de cercetare cu mediul socio-economic

1.    VISAN DANIEL ALEXANDRU, SOARE LILIANA CRISTINA, MAZARE ALIN GHEORGHITA, IONESCU LAURENTIU MIHAI, BIZON NICU, LITA IOAN, SERBAN GHEORGHE, OPROESCU MIHAI, ANGHELESCU PETRE, VISAN DANIEL ALEXANDRU, BELU NADIA,

ANGHEL DANIEL CONSTANTIN, TOPALA CARMEN MIHAELA,, *PN-III-P1-1.2-PCCDI-2017-0332* *"Creşterea capacităţii instituţionale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obţinerii de produse horticole cu valoare adăugată ridicată"* – *BIOHORTINOV /,* Cod: PN-III-P1-1.2-PCCDI-2017, beneficiar: UPIT, anul: 2019, domeniul stiintific: Bioeconomie, valoare: 1533000.00, 2020, (TC_10_2020_DECIE)

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**Cadrul didactic VISAN DANIEL ALEXANDRU**
**Semnătura**